

173 Nov 2 PCT/PTO 06 DEC 2005

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| Substitute for Form PTO-1390<br>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE<br><b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |  | ATTORNEY'S DOCKET NUMBER<br>032221-066<br>U.S. APPLICATION NO. (H/A, own, see 37 CFR 1.9)<br><b>10/559668</b><br>Unassigned |
| INTERNATIONAL APPLICATION NO.<br>PCT/FI2005/050138   | INTERNATIONAL FILING DATE<br>28 April 2005 | PRIORITY DATE CLAIMED<br>5 May 2004   |
| TITLE OF INVENTION<br><br><b>METHOD AND APPARATUS FOR REMOVING GAS FROM PARTICULATED MATERIAL</b>  |  |   |
| APPLICANT(S) FOR DO/EO/US<br><b>Mikael SVEDMAN, Arvo JONKKA, Päivi UUSITALO, Hannu TÄHKÄNEN, and Rami LAMPINEN</b>   |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11 to 21 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: <u>A certified copy of Finnish Application No. 20040637, filed 05 May 2004 was submitted at the international stage. Thus, the claim for priority has been perfected.</u> </li> </ol> |  |   |

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| U.S. APPLICATION NO. <b>10/559668</b><br>Unassigned | INTERNATIONAL APPLICATION NO.<br>PCT/FI2005/050138 | ATTORNEY'S DOCKET NUMBER<br>032221-066 |
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| 21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information:<br><u>Metso Paper, Inc., Helsinki, Finland.</u><br><br><br><br><br><br><br><br>22. <input checked="" type="checkbox"/> The following fees are submitted: | <b>CALCULATIONS PTO USE ONLY</b> |
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|   |              |              |                   |                         |  |
|---|--------------|--------------|-------------------|-------------------------|--|
| Basic Filing Fee (1631)   |              |              |                   | \$ 300.00               |  |
| Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).      |              |              |                   |                         |  |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA | RATE              | \$                      |  |
| Total Claims  | 12           | -20 = 0      | x \$50.00 (1615)  | \$ 0.00                 |  |
| Independent Claims  | 1            | -3 = 0       | x \$200.00 (1614) | \$ 0.00                 |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |              | + \$360.00 (1616) |                         |  |
| Examination Fee   |              |              | + \$200.00 (1633) | \$ 200.00               |  |
| Search Fee  |              |              | + \$400.00 (1632) | \$ 400.00               |  |
| App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)  |              |              |                   |                         |  |
| TOTAL OF ABOVE CALCULATIONS =   |              |              |                   | \$ 900.00               |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |              |                   | + \$ 0.00               |  |
| SUBTOTAL =  |              |              |                   | \$ 900.00               |  |
| Processing fee of \$130.00 (1618) for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). |              |              |                   | \$ 0.00                 |  |
| TOTAL NATIONAL FEE =  |              |              |                   | \$ 900.00               |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +                               |              |              |                   | \$ 40.00                |  |
| TOTAL FEES ENCLOSED =   |              |              |                   | \$ 940.00               |  |
|   |              |              |                   | Amount to be refunded : |  |
|   |              |              |                   | charged :               |  |

a. ☒ A check in the amount of \$ 940.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 02-4800 in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.

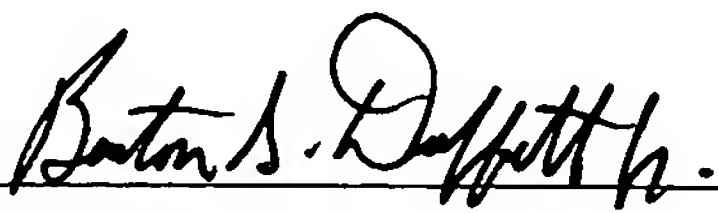
d. ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Buchanan Ingersoll PC  
 Including attorneys from Burns, Doane, Swecker & Mathis  
 P.O. Box 1404  
 Alexandria, Virginia 22313-1404  
 (703) 836-6620

  
 SIGNATURE  
  
 Benton S. Duffett, Jr.  
 NAME  
  
 22,030      06 December 2005  
 REGISTRATION NO.      DATE